

ABSTRACT OF THE DISCLOSURE

An electrostatic transportation device is provided with a transporting base plate having a plurality of electrodes which generate an electric field which performs transporting and hopping  
5 of fine particles by an electrostatic force, wherein a width of each of the electrodes in a travelling direction of the fine particles is set to be in a range of 1 time to 20 times an average particle diameter of the fine particles, a pitch between the electrodes in the travelling direction of the fine particles is set to be in a  
10 range of 1 time to 20 times the average particle diameter of the fine particles, and driving waveforms of  $n$  phases or more ( $n$  is an integer of 3 or more) are applied to respective electrodes.